

**REMARKS**

Applicants request consideration of the amendments and remarks contained herein. Claims 4-5, 14-15, and 20 have been canceled without prejudice. Claims 1-3, 6-13, and 16-19 are pending in this application.

**Specification**

The specification has been amended in accordance with amendments made to the specification of the parent application, as well as to correct minor typographical errors. No new matter has been entered.

**Claims**

In the Parent Application, claims 1-3, 6-13, and 16-19 were subject to various rejections involving Lozano (US '387). The Office Action stated that the text at column 8, lines 45-55 of Lozano discloses writing illegal values to substantially all of the said table entries in said fully associative table, and that the text at column 8, line 55 to column 9, line 20 of Lozano discloses prohibiting said prospective entries from having said illegal values under normal program execution conditions. Applicants respectfully point out that Lozano does not disclose illegal values, but rather invalid values. The current specification at page 8, lines 22-23 defines illegal value to refer to a value which a prospective entry would preferably not acquire in a normal course of program execution. An invalid value is a legal value that is acquired in a normal course of program execution. For example, if a branch prediction is incorrect, the results of speculatively-executed instructions along the mispredicted path may be invalidated in the buffer, see Lozano column 22, lines 58-61. Lozano also uses a valid/invalid values to indicate whether particular lines are currently in use, in other words the data is not stored in the TLB. Thus, the use of valid/invalid values are acquired in a normal course of program execution. Applicants respectfully request consideration of these remarks before examination of this application.

**Conclusion**

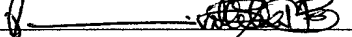
In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue.

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 08-2025, under Order No. 10971353-3 from which the undersigned is authorized to draw.

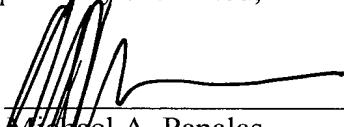
I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Label No. EV 256036531US in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313.

Date of Deposit: October 17, 2003

Typed Name: John Pallivathukal

Signature: 

Respectfully submitted,

By:   
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